DEPARTMENT OF THE NAVY ENVIRONMENTAL RESTORATION PLAN FOR FISCAL YEARS 1996-2000







FEBRUARY 1996

FOREWORD

The Department of the Navy is pleased to forward the Department of the Navy Environmental Restoration Plan for Fiscal Years 1996-2000. It is intended to chronicle the accomplishments made in cleaning up past hazardous waste disposal sites and provide a plan for achieving future restoration goals.

1995 brought significant changes in the way we plan to conduct the business of restoring our Navy and Marine Corps installations. As always, it is our goal to achieve cleanup of past hazardous waste sites in a prudent and cost effective manner. Coupled with that philosophy is a new strategy that stresses the use of risk management to prioritize cleanup actions within a framework of stable funding.

Formatting changes in this year's edition organize data into easy to use categories that allow the reader to quickly locate key information. The use of icons and mapboxes enhance the plan's readability. Progress and plans tables track each activity's cleanup efforts through FY 1995 and provide a roadmap for future cleanup actions over the next five years.

Consistent with previous reports, special emphasis is placed on installations included on the National Priorities List and for significant Base Realignment and Closure activities. Detailed narratives provide historical information for cleanup actions taken under the Comprehensive Environmental Response, Compensation and Liability Act, the Resource Conservation and Recovery Act and the Underground Storage Tank program.

Appendices list every Navy and Marine Corps installation by state, program and phase. These tables provide a snapshot of the Installation Restoration Program as of 30 September 1995 using information provided by Remedial Project Managers at each Naval Facilities Engineering Field Division and Activity.

It is hoped that you will find this edition of the five-year plan to be a useful asset in articulating the Department of the Navy's success in the environmental cleanup arena to installation personnel, regulators and the public. Widest possible distribution is encouraged.

COMMENT PAGE

The Department of the Navy (DON) recognizes that cleaning up the Nation's past hazardous waste disposal sites will impact many different segments of the Navy and the Marine Corps from the Remedial Project Managers (RPMs) working on installation investigations and remediations to the research laboratories developing new technologies to assist in the cleanup. We encourage your comments on this Plan. Please mail your comments to the address below, submitting as many pages as necessary. Our goal is to make this plan user friendly and responsive to your needs. Your input is greatly appreciated.

	Please include my name on the mailing list.
	Please remove my name from the mailing list.
Additional cop	ies may be obtained by contacting:
	U.S. Department of the Navy Chief of Naval Operations (N45) Crystal Plaza 5 2211 South Clark Place Arlington, Virginia 20360-2000 (703) 602-5330
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EXECUTIVE SUMMARY

The Department of the Navy (DON) Environmental Restoration Plan for Fiscal Years (FY) 1996-2000 provides a comprehensive look at the DON's efforts and commitment to identify and assess potential areas of environmental contamination resulting from past disposal activities and spills and perform cleanup actions as appropriate.

The DON Environmental Restoration program was initiated in response to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 and the Superfund Amendments and Reauthorization Act (SARA) of 1986. The passage of SARA brought Department of Defense (DOD) under the CERCLA umbrella with the creation of the Defense Environmental Restoration Program (DERP) funded by the Defense Environmental Restoration Account (DERA). The Installation Restoration Program (IRP) was established following the implementing guidance set forth in the National Oil and Hazardous Substances Contingency Plan (NCP) and guidance documents from the US Environmental Protection Agency (EPA). The NCP and the EPA set forth a procedure for identifying, investigating and cleaning up contaminated sites resulting from past hazardous waste disposals and spills. The most contaminated of the sites being addressed under CERCLA are put on the National Priorities List (NPL).

Along with CERCLA IRP sites, past disposal and spill areas identified under other environmental laws also qualify for DERA funding due to overlap in the laws. Under the Resource Conservation and Recovery Act (RCRA), a Corrective Action program identifies potential areas of contamination as Solid Waste Management Units (SWMUs) or as Underground Storage Tanks (USTs) sites. If these sites are the result of past disposal practices and past spills of hazardous wastes, DERA funding can be used to clean them up. Under the Base Realignment And Closure Acts (BRAC), sites that would normally qualify for DERA funding are funded out of a BRAC account and are still considered part of the Environmental Restoration program .

As of 30 September 1995, the DON had 4,288 sites in the Environmental Restoration program at 231 DON installations. Of these, 3,031 sites were in a study phase, 246 had a cleanup underway and 1,011 sites were considered Response Complete (RC) by the DON. Of the 4,288 sites, BRAC funding was used on 802 sites and DERA funds spent on 3,486 sites. During fiscal year 1995, DON spent \$405 million on the environmental restoration program. During FY92, the DON spent only 14% of its DERA funding on actual cleanups compared to FY95 where 59% of the funding was spent on cleanups. Congress recently established a new goal of using 80% of the DERA funds on actual site cleanup by FY98. Expected funding for the DON Environmental Restoration program is \$360 million in FY96. There are 42 DON installations listed on the NPL, five of which were added in FY95.

Due to reductions in funding levels in FY95, the DON placed greater emphasis on innovative approaches to program management with an overall goal to reduce the risk presented by the DON contaminated sites. A second goal was to accomplish cleanups quicker, especially at closing bases to accelerate the return of land to local communities for reuse. A comprehensive effort to evaluate and accurately portray program data and costs was undertaken. A Relative Risk Site Evaluation Model was used to rank DON sites to determine a site's relative risk. Relative risk ranking is a key element in the risk management prioritization process. In general, this will allow sites posing a greater relative risk to be cleaned up sooner. Of the 3,277 active DON sites, 1,382 were ranked high, 621 were ranked medium and 715 were ranked low relative risk. The remaining 559 sites will be ranked by the end of FY97.

By making use of the removal action and interim remedial action processes outlined in the NCP, the DON has been able to take steps to reduce the risk associated with contaminated sites. Increased use of innovative technologies and efforts to transfer these technologies to the field has promoted quicker and less expensive ways to clean up sites. During the summer of FY95, DON increased efforts to work with regulators and other affected stakeholders to structure a national cleanup program within existing fiscal constraints. A new approach to recently negotiated legal agreements uses risk as the primary factor to determine priorities. Incorporation of Site Management Plans has allowed for adjustments in schedules to accommodate relative risk evaluations and funding levels.

TABLE OF CONTENTS

CHAPTERS		PAGE#
CHAPTER 1	OVERVIEW OF DEPARTMENT OF THE NAVY ENVIRONMENTAL RESTORATION PL	AN 1-1
CHAPTER 2	HISTORY AND IMPLEMENTATION OF THE ENVIRONMENTAL RESTORATION PROC	GRAM 2-1
CHAPTER 3	ENVIRONMENTAL RESTORATION PROGRAM FUNDING LEVELS AND STATUS	3-1
CHAPTER 4	ENVIRONMENTAL RESTORATION PROGRAM MANAGEMENT INITIATIVES	4-1
CHAPTER 5	INSTALLATION SUMMARIES	5-1
	(SEE NEXT PAGE)	
APPENDICES		
APPENDIX A	BRAC CERCLA INSTALLATION STATUS	A-1
APPENDIX B	BRAC RCRA CA INSTALLATION STATUS	B-1
APPENDIX C	BRAC RCRA UST INSTALLATION STATUS	C-1
APPENDIX D	DERA CERCLA INSTALLATION STATUS	D-1
APPENDIX E	DERA RCRA CA INSTALLATION STATUS	E-1
APPENDIX F	DERA RCRA UST INSTALLATION STATUS	F-1
APPENDIX G	STATUS TOTALS	G-1
APPENDIX H	INSTALLATIONS WITH ASSESSMENT COMPLETE AND NO SITES IDENTIFIED	H-1
APPENDIX I	REGULATION SUMMARY	I-1
APPENDIX J	LIST OF ACRONYMS	J-1
APPENDIX K	GLOSSARY	K-1
INDICES		
INDEX 1	BY MAJOR CLAIMANT	Index 1-1
INDEX 2	BY ENGINEERING FIELD DIVISION/ENGINEERING FIELD ACTIVITY	Index 2-1
INDEX 3	INSTALLATIONS FOR INCLUSION ON THE NPL	Index 3-1
INDEX 4	BY BRAC LISTING	Index 4-1
INDEX 5	BY INSTALLATION (ALPHABETICAL)	Index 5-1

TABLE OF CONTENTS			
INSTALLATION	NPL	BRAC	PAGE #
ALASKA			
Adak Naval Air Facility	У	IV	5-2
Amchitka Fleet Surveillance Support Command Detachment 1			5-6
Cape Prince of Wales Naval Command Control and Ocean Surveillance Center			5-7
Point Barrow Naval Arctic Research Laboratory			5-8
St. Lawrence Naval Command Control and Ocean Surveillance Center			5-9
Tin City Naval Command Control and Ocean Surveillance Center			5-10
ARIZONA			
Flagstaff Naval Observatory Station			5-11
Sentinel Naval Command Control and Ocean Surveillance Center			5-12
Yuma Marine Corps Air Station	У		5-13
CALIFORNIA		•	
Alameda Naval Air Station		111	5-17
Azusa Naval Command Control and Ocean Surveillance Center, Morris Dam Facility			5-21
Barstow Marine Corps Logistics Base	У		5-22
Bridgeport Marine Corps Mountain Warfare Training Center			5-26
Camp Pendleton Marine Corps Base	У		5-27
Centerville Beach Naval Facility			5-31
China Lake Naval Air Weapons Station			5-32
Chocolate Mountain Aerial Gunnery Range			5-33
Concord Naval Weapons Station	У		5-34
Corona Naval Ordnance Center Naval Warfare Assessment Division			5-38
Coronado Naval Amphibious Base			5-39
Crows Landing Naval Auxiliary Landing Field		III	5-40
Dixon Naval Radio Transmitting Facility			5-41
El Centro Naval Air Facility			5-42
El Toro Marine Corps Air Station	У	III	5-43
Fallbrook Naval Ordnance Center, Pacific Division Detachment			5-47
Imperial Beach Outlying Landing Field			5-48
Lemoore Naval Air Station			5-49
Long Beach Naval Complex		II, IV	5-50
Long Beach Naval Hospital		II	5-50
Long Beach Naval Shipyard		IV	5-50
Long Beach Naval Station		II	5-50
Long Beach Naval Station San Pedro		II	5-50

TABLE OF CONTENTS - CONTINUED			
INSTALLATION	NPL	BRAC	PAGE #
Mare Island Naval Shipyard		III	5-54
Miramar Naval Air Station			5-58
Moffett Field Naval Air Station	У	11	5-59
Monterey Naval Post Graduate School			5-63
North Island Naval Air Station			5-64
Novato Department of Defense Housing Facility		III	5-68
Oakland Fleet and Industrial Supply Center		IV	5-69
Oakland Fleet and Industrial Supply Center Alameda Annex		IV	5-73
Oakland Naval Medical Command Northwest Region		III	5-74
Pico Rivera Marine Corps Reserve Training Center			5-75
Point Molate Navy Fuel Depot			5-76
Point Mugu Naval Air Weapons Station			5-77
Point Sur Naval Facility			5-78
Pomona Naval Industrial Reserve Ordnance Plant			5-79
Port Hueneme Naval Construction Battalion Center			5-80
Salton Sea Test Range		I	5-81
San Clemente Island Naval Auxiliary Landing Field			5-82
San Diego Fleet Antisubmarine Warfare Training Center Pacific			5-83
San Diego Fleet Combat Training Center Pacific			5-84
San Diego Fleet and Industrial Supply Center			5-85
San Diego Marine Corps Recruit Depot			5-86
San Diego Naval Command Control and Ocean Surveillance Center			5-87
San Diego Naval In-Service Engineering West			5-88
San Diego Naval Computer and Telecommunications Station			5-89
San Diego Naval Medical Center			5-90
San Diego Naval Station			5-91
San Diego Naval Submarine Base			5-92
San Diego Naval Training Center		III	5-93
San Nicolas Island Outlying Landing Field			5-94
Seal Beach Naval Weapons Station			5-95
Skaggs Island Naval Security Group Activity			5-96
Stockton Naval Communication Station			5-97
Sunnyvale Naval Industrial Reserve Ordnance Plant			5-98
Treasure Island Naval Station		III	5-99
Treasure Island Naval Station Hunters Point Annex	У	Η	5-103

TABLE OF CONTENTS - CONTINUE	D		
INSTALLATION	NPL	BRAC	PAGE #
Tustin Marine Corps Air Station		II	5-107
Twentynine Palms Marine Corps Air to Ground Combat Center			5-111
Warner Springs Survival, Evasion, Resistance and Escape Camp			5-115
CONNECTICUT			•
Bloomfield Naval Weapons Industrial Reserve Plant			5-116
East Lyme Naval Underwater Systems Center			5-117
New London Naval Submarine Base	У		5-118
DISTRICT OF COLUMBIA	•	•	•
Anacostia Naval Station			5-122
Washington Naval Research Laboratory			5-123
Washington Naval Security Station			5-124
Washington Naval Observatory			5-125
Washington Navy Yard			5-126
FLORIDA		-	•
Cecil Field Naval Air Station	У	III	5-127
Jacksonville Fleet and Industrial Supply Center			5-131
Jacksonville Naval Air Station	У		5-132
Key West Naval Air Station			5-136
Mayport Naval Station			5-137
Orlando Naval Research Laboratory Underwater Sound Reference Detachment		IV	5-141
Orlando Naval Training Center		III	5-142
Panama City Coastal Systems Station			5-143
Pensacola Naval Air Station	У		5-144
Pensacola Naval Technical Training Center, Corry Station			5-148
Saufley Field Naval Air Station			5-149
Whiting Field Naval Air Station	У		5-150
GEORGIA	-	-	-
Albany Marine Corps Logistics Base	У		5-154
Athens Navy Supply Corps Officer School			5-158
Atlanta Naval and Marine Corps Reserve Center			5-159
Kings Bay Naval Submarine Base			5-160
GUAM			
Agana Naval Air Station		III	5-161
Guam Naval Communications Area Master Station Western Pacific			5-165

INSTALLATION	TABLE OF CONTENTS - CONTINUED			
• Guam Reet and Industrial Supply Center IV 5-166 • Guam Naval Activities IV 5-166 • Guam Naval Ship Repair Facility IV 5-166 • Guam Naval Ship Repair Facility IV 5-166 • Guam Naval Facility 5-176 5-166 Guam Naval Regional Dental Center 5-177 5-177 HAWAII Barbers Point Naval Air Station III 5-173 Barking Sands Pacific Missile Range Facility 5-177 Camp H.M. Smith Oahu 5-178 Kaneoche Bay Marine Corps Base 5-179 Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex Y 5-181 • Pearl Harbor Fleet and Industrial Supply Center Y 5-181 • Pearl Harbor Inactive Ship Maintenance Detachment Y 5-181 • Pearl Harbor Naval Shippard Y 5-181 • Pearl Harbor Naval Submarine Base Y 5-181 • Pearl Harbor Public Works Center Y 5-180 IDAHO Salay 5-180 Bayiewa Naval Computer and Telecommunicati		NPL	BRAC	PAGE #
• Guam Naval Activities IV S-166 • Guam Naval Ship Repair Facility IV 5-166 • Guam Public Works Center S-166 Guam Naval Facility 5-171 Guam Naval Facility 5-172 HAWAII Barkers Point Naval Air Station Barking Sands Pacific Missile Range Facility 5-173 Camp H.M. Smith Oehu 5-178 Kaneche Bay Marine Corps Base 5-179 Luelualei Naval Magazine 5-180 Pearl Harbor Naval Complex Y 5-181 • Pearl Harbor Fleet and Industrial Supply Center Y 5-181 • Pearl Harbor Inactive Ship Maintenance Detachment Y 5-181 • Pearl Harbor Naval Station Y 5-181 • Pearl Harbor Naval Submarine Base Y 5-181 • Pearl Harbor Public Works Center Y 5-181 Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific Y 5-181 • Pearl Harbor Public Works Center Y 5-180 Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific Y	Guam Naval Complex		IV	5-166
Suam Naval Ship Repair Facility Guam Public Works Center Solam Public Works Center Guam Naval Facility Solam Raval Facility Solam Raval Regional Dental Center Solam Raval Regional Dental Center HAWAII Barbers Point Naval Air Station III Solam Barking Sands Pacific Missile Range Facility Solam Hawaii Hawaiii Hawaii Hawai	Guam Fleet and Industrial Supply Center		IV	5-166
Solam Public Works Center Guam Public Works Center Solam Naval Facility Guam Naval Regional Dental Center HAWAII Barbers Point Naval Air Station Barking Sands Pacific Missile Range Facility Solam Naval Regional Dental Center HAWAII Barbers Point Naval Air Station Barking Sands Pacific Missile Range Facility Solam Naval Range Sands Pacific Missile Range Facility Solam Naval Range Sands Pacific Missile Range Facility Solam Naval Range Sands Pacific Missile Range Facility Solam Naval Magazine Solam Naval Magazine Pearl Harbor Rayal Magazine Pearl Harbor Mayal Complex Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Naval Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific Wahiawa Naval Surface Warfare Center, Acoustic Research Detachment Solam Naval Surface Warfare Center, Acoustic Research Detachment Solam Naval Air Station III Solam Solam Naval Air Station III Solam Solam Naval Air Station III Solam Solam Naval Air Station France Naval Surface Warfare Center Solam Naval Air Warfare Center Vy Solam Naval Air Station Vy Solam Naval Air Station Solam Naval	Guam Naval Activities		IV	5-166
Guam Naval Facility 5-171 Guam Naval Regional Dental Center 5-172 HAWAII Barbers Point Naval Air Station III 5-173 Barking Sands Pacific Missile Range Facility 5-177 Camp H.M. Smith Oahu 5-178 Kaneohe Bay Marine Corps Base 5-179 Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex 7-181 Pearl Harbor Fleet and Industrial Supply Center 7-181 Pearl Harbor Placet and Industrial Supply Center 7-181 Pearl Harbor Naval Shipyard 7-181 Pearl Harbor Naval Station 7-181 Pearl Harbor Naval Submarine Base 9-181 Pearl Harbor Nav	Guam Naval Ship Repair Facility		IV	5-166
Guam Naval Regional Dental Center 5-172 HAWAII Barbors Point Naval Air Station III 5-173 Barking Sands Pacific Missile Range Facility 5-177 Camp H.M. Smith Oahu 5-178 Kaneohe Bay Marine Corps Base 5-179 Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex 7-188 Pearl Harbor Fleet and Industrial Supply Center 7-188 Pearl Harbor Inactive Ship Maintenance Detachment 7-188 Pearl Harbor Naval Submarine Base 8-188 Pearl Harbor Naval Submarine Base 9-188 Pearl Harbor Naval	Guam Public Works Center			5-166
HAWAII Barbers Point Naval Air Station Barking Sands Pacific Missile Range Facility S-177 Gamp H.M. Smith Oahu S-178 Kaneche Bay Marine Corps Base Lualualei Naval Magazine Pearl Harbor Naval Complex Pearl Harbor Fleet and Inclustrial Supply Center Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific DAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment S-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Site III 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center Iv 5-195 KENTUCKY Louisville Naval Surface Warfare Center Iv 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Guam Naval Facility			5-171
Barbers Point Naval Air Station III 5-173 Barking Sands Pacific Missile Range Facility 5-177 Camp H.M. Smith Oahu 5-178 Kaneohe Bay Marine Corps Base 5-179 Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex 7 5-181 • Pearl Harbor Fleet and Industrial Supply Center 7 5-181 • Pearl Harbor Inactive Ship Maintenance Detachment 7 5-181 • Pearl Harbor Naval Shipyard 7 5-181 • Pearl Harbor Naval Shipyard 7 5-181 • Pearl Harbor Naval Station 7 5-181 • Pearl Harbor Naval Submarine Base 7 5-181 • Pearl Harbor Naval Submarine Base 7 5-181 • Pearl Harbor Public Works Center 7 5-181 • Pearl Harbor Public Works Center 7 5-181 Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific 7 5-186 IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center 7 5-195 KENTUCKY Louisville Naval Surface Warfare Center 17 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Guam Naval Regional Dental Center			5-172
Barking Sands Pacific Missile Range Facility Camp H.M. Smith Oahu Kaneohe Bay Marine Corps Base Lualualei Naval Magazine Pearl Harbor Naval Complex Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center S-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center S-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	HAWAII			
Camp H.M. Smith Oahu S-178 Kaneohe Bay Marine Corps Base Lualualei Naval Magazine Pearl Harbor Naval Complex Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center S-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center S-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Barbers Point Naval Air Station		III	5-173
Kaneohe Bay Marine Corps Base 5-179 Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex 7 5-181 • Pearl Harbor Fleet and Industrial Supply Center 7 5-181 • Pearl Harbor Inactive Ship Maintenance Detachment 8 7 5-181 • Pearl Harbor Naval Shipyard 7 5-181 • Pearl Harbor Naval Shipyard 8 7 5-181 • Pearl Harbor Naval Station 8 7 5-181 • Pearl Harbor Naval Submarine Base 9 7 5-181 • Pearl Harbor Public Works Center 9 7 5-181 • Pearl Harbor Public Works Center 9 7 5-181 IDAHO Bayview Naval Computer and Telecommunications Area Master Station Eastern Pacific 9 5-186 IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 9 5-190 ILLINOIS Glenview Naval Air Station 9 III 5-191 Great Lakes Naval Training Center 9 5-192 Libertyville Training Site 9 III 5-193 INDIANA Crane Naval Surface Warfare Center 9 5-194 Indianapolis Naval Air Warfare Center 9 V 5-195 KENTUCKY Louisville Naval Surface Warfare Center 9 V 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Barking Sands Pacific Missile Range Facility			5-177
Lualualei Naval Magazine 5-180 Pearl Harbor Naval Complex	Camp H.M. Smith Oahu			5-178
Pearl Harbor Naval Complex Pearl Harbor Naval Complex Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Naval Submarine Base Pearl Harbor Nava	Kaneohe Bay Marine Corps Base			5-179
Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Fleet and Industrial Supply Center Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific Patho Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190	Lualualei Naval Magazine			5-180
Pearl Harbor Inactive Ship Maintenance Detachment Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Naval Computer Naval Computer Naval Surface Warfare Center, Acoustic Research Detachment Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Air Station Pearl Harbor Naval Computer Station Naval Air Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pear	Pearl Harbor Naval Complex	У		5-181
Pearl Harbor Naval Shipyard Pearl Harbor Naval Shipyard Pearl Harbor Naval Station Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Public Works Center Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Public Works Center Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Ration Pearl Harbor Naval Ration Pearl Harbor Naval Ration Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Ration Pearl Harbor Naval Ra	Pearl Harbor Fleet and Industrial Supply Center	У		5-181
Pearl Harbor Naval Station Pearl Harbor Naval Submarine Base Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Naval Computer and Telecommunications Area Master Station Eastern Pacific Pearl Harbor Public Works Center Pacific Pearl Harbor Naval Surface Warfare Center, Acoustic Research Detachment Pearl Harbor Public Works Center Pacific Pearl Harbor Naval Surface Warfare Center Pacific Pearl Harbor Naval Surface Warfare Center Pearl Harbor Naval Surface Warfare C	Pearl Harbor Inactive Ship Maintenance Detachment	У		5-181
Pearl Harbor Naval Submarine Base Pearl Harbor Public Works Center Pearl Harbor Public Works Center Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center Pacific Provided Training Site Pacific Tra	Pearl Harbor Naval Shipyard	У		5-181
Pearl Harbor Public Works Center Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific John Ho Bayview Naval Surface Warfare Center, Acoustic Research Detachment John Hillinois Glenview Naval Air Station Great Lakes Naval Training Center Libertyville Training Site III 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center Indianapolis Naval Air Warfare Center Louisville Naval Surface Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center LOUISIANA New Orleans Naval Air Station 5-200	Pearl Harbor Naval Station	У		5-181
Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific Y 5-186 IDAHO Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center 5-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Pearl Harbor Naval Submarine Base	У		5-181
Bayview Naval Surface Warfare Center, Acoustic Research Detachment 5-190 ILLINOIS Glenview Naval Air Station III 5-191 Great Lakes Naval Training Center 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center V 5-194 Indianapolis Naval Air Warfare Center V 5-195 KENTUCKY Louisville Naval Surface Warfare Center V 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Pearl Harbor Public Works Center	У		5-181
Bayview Naval Surface Warfare Center, Acoustic Research Detachment S-190	Wahiawa Naval Computer and Telecommunications Area Master Station Eastern Pacific	У		5-186
ILLINOIS Glenview Naval Air Station Great Lakes Naval Training Center Libertyville Training Site III 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center Indianapolis Naval Air Warfare Center KENTUCKY Louisville Naval Surface Warfare Center IV 5-195 LOUISIANA New Orleans Naval Air Station 5-200	IDAHO			
Glenview Naval Air Station Great Lakes Naval Training Center Libertyville Training Site III 5-192 INDIANA Crane Naval Surface Warfare Center Indianapolis Naval Air Warfare Center KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station III 5-191 5-192 Louisville Training Center IV 5-193 IV 5-196 LOUISIANA	Bayview Naval Surface Warfare Center, Acoustic Research Detachment			5-190
Great Lakes Naval Training Center 5-192 Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center 5-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	ILLINOIS			
Libertyville Training Site III 5-193 INDIANA Crane Naval Surface Warfare Center 5-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Glenview Naval Air Station		III	5-191
INDIANA Crane Naval Surface Warfare Center Indianapolis Naval Air Warfare Center KENTUCKY Louisville Naval Surface Warfare Center IV 5-195 LOUISIANA New Orleans Naval Air Station 5-200	Great Lakes Naval Training Center			5-192
Crane Naval Surface Warfare Center 5-194 Indianapolis Naval Air Warfare Center IV 5-195 KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Libertyville Training Site		III	5-193
Indianapolis Naval Air Warfare Center KENTUCKY Louisville Naval Surface Warfare Center IV 5-195 IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	INDIANA		-	
KENTUCKY Louisville Naval Surface Warfare Center IV 5-196 LOUISIANA New Orleans Naval Air Station 5-200	Crane Naval Surface Warfare Center			5-194
Louisville Naval Surface Warfare Center LOUISIANA New Orleans Naval Air Station 1V 5-196 5-200	Indianapolis Naval Air Warfare Center		IV	5-195
LOUISIANA New Orleans Naval Air Station 5-200	KENTUCKY			
New Orleans Naval Air Station 5-200	Louisville Naval Surface Warfare Center		IV	5-196
	LOUISIANA			
New Orleans Naval Support Activity 5-201	New Orleans Naval Air Station			5-200
	New Orleans Naval Support Activity			5-201

TABLE OF CONTENTS - CONTINUE	D		
INSTALLATION	NPL	BRAC	PAGE #
MAINE	•		
Brunswick Naval Air Station	У		5-202
Cutler Naval Computer and Telecommunications Station			5-206
Portsmouth Naval Shipyard, Kittery	У		5-207
MARYLAND		-	•
Annapolis Naval Station			5-211
Annapolis Naval Surface Warfare Center Detachment, Bay Head Annex			5-212
Annapolis U.S. Naval Academy			5-213
Bainbridge Naval Training Center			5-214
Baltimore Naval Reserve Center			5-215
Bethesda Naval Medical Command National Capitol Region			5-216
Carderock Naval Surface Warfare Center			5-217
Cheltenham Naval Computer and Telecommunications Center			5-218
Chesapeake Bay Detachment Naval Research Laboratory			5-219
Indian Head Naval Explosive Ordanance Disposal Technology Center			5-220
Indian Head Naval Surface Warfare Center	У		5-221
Patuxent River Naval Air Station	У		5-225
Pomonkey Test Range Naval Research Lab			5-229
Solomons Naval Recreation Center			5-230
St. Inigoes Naval Command Control and Ocean Surveillance Center In-Service Engineering East Coast Detachment		III	5-231
Waldorf Naval Research Laboratory			5-232
White Oak Naval Surface Warfare Center		IV	5-233
MASSACHUSSETTS	•	•	
Bedford Naval Weapons Industrial Reserve Plant	У		5-237
Quincy Naval Reserve Center			5-241
South Weymouth Naval Air Station	У	IV	5-242
MIDWAY ISLANDS			•
Midway Naval Air Facility		III	5-246
MINNESOTA	•	•	
Fridley Naval Industrial Reserve Ordnance Plant	У		5-247
St. Paul Naval Industrial Reserve Ordnance Plant			5-251
MISSISSIPPI	•		•
Gulfport Naval Construction Battallion Center			5-252
Meridian Naval Air Station			5-253

TABLE OF CONTENTS - CONTINU	IED		
INSTALLATION	NPL	BRAC	PAGE #
MONTANA			
Billings Naval and Marine Corps Reserve Center			5-254
Butte Naval Reserve Facility			5-255
NEBRASKA	<u>-</u>	•	•
Lincoln Naval Reserve Center			5-256
NEVADA			
Fallon Naval Air Station			5-257
NEW JERSEY			
Colts Neck Naval Weapons Station Earle	У		5-258
Lakehurst Naval Air Warfare Center Aircraft Division	У		5-262
Trenton Naval Air Warfare Center		III	5-266
NEW YORK			
Bethpage Naval Weapons Industrial Reserve Plant			5-270
Binghampton Naval Reserve Center			5-271
Calverton Naval Weapons Industrial Reserve Plant			5-272
Fishers Island Naval Underwater Systems Center Annex			5-273
Floyd Bennett Field Naval and Marine Corps Reserve Center			5-274
New York Naval Station Fort Wadsworth (Staten Island)		III	5-275
Watertown Naval Reserve Center			5-276
NORTH CAROLINA		-	-
Camp Lejeune Marine Corps Base	У		5-277
Cherry Point Marine Corps Air Station	У		5-281
Wilmington Naval Reserve Center			5-285
OKLAHOMA	•	•	
Broken Arrow Naval and Marine Corps Reserve Center			5-286
OREGON		-	•
Portland Naval and Marine Corps Reserve Readiness Center			5-287
PENNSYLVANIA	<u>-</u>	•	•
Mechanicsburg Naval Inventory Control Point	У		5-288
Philadelphia Naval Complex		1, 11	5-292
Philadelphia Naval Hospital		1	5-292
Philadelphia Naval Shipyard		II	5-292
Philadelphia Naval Station			5-292
Philadelphia Naval Surface Warfare Center, Carderock Division			5-296
Warminster Naval Air Warfare Center Aircraft Division	У	II	5-297

TABLE OF CONTENTS - C	ONTINUED		
INSTALLATION	NPL	BRAC	PAGE #
Willow Grove Naval Air Station	У		5-301
Wyoming Marine Corps Reserve Center			5-305
PUERTO RICO	•		
Roosevelt Roads Naval Station			5-306
Sabana Seca Naval Security Group Activity	У		5-307
San Juan Puerto Rico Supervisor of Shipbuilding			5-311
RHODE ISLAND	•		
Davisville Naval Construction Battalion Center	У	II	5-312
Newport Naval Education and Training Center	У		5-316
SOUTH CAROLINA	•	•	•
Beaufort Marine Corps Air Station			5-320
Charleston Naval Complex		III, IV	5-321
Charleston Fleet and Industrial Supply Center		IV	5-321
Charleston Fleet Mine and Warfare Training Center		III	5-321
Charleston Naval Reserve Center			5-321
Charleston Naval Shipyard		III	5-321
Charleston Naval Station		III	5-321
Charleston Naval Weapons Station			5-325
Parris Island Marine Corps Recruit Depot	У		5-326
TENNESSEE	!		
Bristol Naval Weapons Industrial Reserve Plant			5-330
Knoxville Naval and Marine Corps Reserve Center			5-331
Memphis Naval Air Station		III	5-332
TEXAS	•		•
Chase Field Naval Air Station		II	5-333
Corpus Christi Naval Air Station			5-334
Dallas Naval Air Station		III	5-335
Dallas Naval Weapons Industrial Reserve Plant			5-336
Kingsville Naval Air Station			5-337
Lubbock Naval and Marine Corps Reserve Center			5-338
McGregor Naval Weapons Industrial Reserve Plant			5-339
UTAH			
Magna Naval Industrial Reserve Ordnance Plant			5-340
VIRGINIA	L	·	
Arlington Headquarters Battalion			5-341

TABLE OF CONTENTS - CONT		DD 4.6	D.4.05 "
INSTALLATION	NPL	BRAC	PAGE #
Arlington Service Center			5-342
Chesapeake Naval Security Group Activity Northwest			5-343
Craney Island Fleet and Industrial Supply Center			5-344
Dahlgren Naval Surface Warfare Center	У		5-345
Dam Neck Fleet Combat Training Center Atlantic			5-349
Driver Naval Radio Station		III	5-350
Little Creek Naval Amphibious Base			5-351
Norfolk Naval Base			5-352
Norfolk Naval Shipyard			5-353
Oceana Naval Air Station			5-354
Portsmouth Naval Medical Command			5-355
Quantico Marine Corps Combat Development Command	У		5-356
Williamsburg Fleet and Industrial Supply Center, Cheatham Annex			5-360
Yorktown Fleet and Industrial Supply Center Fuels Division			5-361
Yorktown Naval Weapons Station	У		5-362
WASHINGTON	•		•
Bangor Naval Submarine Base	У		5-366
Jim Creek Naval Radio Station			5-370
Keyport Naval Undersea Warfare Center	У		5-371
Port Hadlock Naval Ordnance Center, Pacific Division Detachment	У		5-375
Puget Sound Fleet and Industrial Supply Center Bremerton			5-379
Puget Sound Fleet and Industrial Supply Center Manchester			5-380
Puget Sound Naval Hospital Bremerton			5-381
Puget Sound Naval Shipyard	У		5-382
Puget Sound Jackson Park Housing	У		5-382
Puget Sound Naval Shipyard	У		5-382
Puget Sound Naval Station		II	5-386
Puget Sound Naval Station Everett			5-387
Tacoma Naval and Marine Corps Reserve Center			5-388
Whidbey Island Naval Air Station	У		5-389
WEST VIRGINIA	<u>l</u>	<u>I</u>	1
Allegany Ballistics Laboratory	У		5-393
Sugar Grove Naval Security Group Activity			5-397